

## Abstract

The present invention relates to an expression cassette for expression of arbitrary genes in plant seed and the plasmids containing the expression cassette. The invention also includes the production of transgenic plant cells containing this expression cassette as well as the use of the plasmids in this expression cassette to produce transgenic plants. Fields of application of the invention are biotechnology, pharmacy and plant production.

The invention has the objective of placing seed-specific expression in transgenic plants on a basis suitable for a production of materials. It is based on the task of constructing an expression cassette with which a stable expression with a high expression rate of genes of the materials to be produced can be achieved in plant seeds.

The expression cassette according to the invention contains the following essential component parts:

- the promoter of the gene of the seed protein similar to the sucrose binding protein (SBP)
- if applicable, the DNA sequence of a signal peptide, preferably the SBP signal peptide
- a gene to be expressed
- 3' termination sequences